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HAWW Q. Foley (Shawn P. Foley) MAY 0 2 2002

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SERAGEN 3.0-002 CONTFWCCONTDIVCONTVICONT

(PATENT)

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Terry B. Strom

Application No.: 10/020,648

Filed: December 12, 2001

For: LYSING OR BLOCKING UNWANTED CELLS WITH IL-2 RECEPTOR-SPECIFIC

BINDING SUBSTANCE

Commissioner for Patents Washington, DC 20231

Group Art Unit: 1646

Examiner: Not Yet Assigned

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### INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicant respectfully requests that the publications listed on the enclosed form be made of record and considered with respect to the above-captioned U.S. patent application. A copy of each publication was of record in Application No. 09/517,851, the benefit of which is claimed under §120. Submission of the present Information Disclosure Statement should not be taken as an admission that the cited references are legally available prior art or that the same are pertinent or material.

In the event that any fee is due in connection with the present Information Disclosure Statement, the Commissioner is hereby authorized to charge the same to our Deposit Account No. 12-1095.

Dated: April 23, 2002

Respectfully submitted,

Shawn P. Foley

Registration No.: 33,071

LERNER, DAVID, LITTENBERG,

KRUMHOLZ & MENTLIK, LLP

600 South Avenue West

Westfield, New Jersey 07090

(908) 654-5000

Attorneys for Applicant

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1 of 31 Sheet Application No. Atty. Docket No. U.S. Department of Commerce SERAGEN 3.0-002 CONT FWC CONT DIV CONT CONT VI 10/020,648 ent and Trademark Office Applicant Strom TED BY APPLICANT Group 1643 ( see all sheets if necessary) Filing Date: 12/12/01 U.S. PATENT DOCUMENTS FILING DATE CAMINER TIALS IF APPROPRIATE CLASS SUBCLASS NAME DOCUMENT NUMBER DATE 4359457 11/1982 Neville, et al. **Fabricius** 4388309 6/14/83 4440747 4/3/84 Neville TECH CENTER 1600/2900 4443427 4/1984 Reinherz et al. 4489710 12/1984 Spitler ΑE 10/1985 4545985 Pastan OOPY OF PAPERS ORIGINALLY FILED Reinherz, et al. AG 4550086 11/1985 6/1987 Murphy ΑH 4675382 ΑI 4677061 6/1987 Rose, et al. 3/1990 Mertelsmann 4908433 8/1990 von Eichborn, et al.
FOREIGN PATENT DOCUMENTS 4946674 TRANSLATION COUNTRY CLASS SUBCLASS DOCUMENT NUMBER DATE 118977 9/1984 EP (Fiers et al.) 9/1984 EP (Bhatt et al.) 119621 091539 10/1983 EP (Taniguchi et al.) 5/1985 140109 EP (Fathman) ΑP OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Takahashi et al. (1983) The Lancet pp. 1155-58 AR Williams et al. (1984) J. Immunol. 132 (5), 2330 A\$

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Kirkman et al. (1983) Transplantation 36 (6), 620

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	AC	5336489	8/1994	Strom		MAT	<b>0 2</b> 2002					
	AD	5510105	4/1996	Strom		TECH CEI	NTER 1600/2900					
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	AR	Zubler, et al. (1984) J.	Zubler, et al. (1984) J. Exp. Med. <u>160</u> (4), 1170									
	AK											
	AS	Leonard, et al. (1982)	Nature <u>300,</u>	267								
	AT	FitzGerald, et al. (1984	zGerald, et al. (1984) J. Clin. Invest. <u>74</u> , 966									
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	AR	Kelley, V.E., et al., J. I	mmunol.	<u>140</u> :59-61 (1988)			
	AS	Lorberboum - Galski, I	I., et al. ,	Proc. Natl. Acad. Sci. USA <u>86</u> :10	008-12 (19	189)	
	AT	Kirkman et al., Transpl	antation 4	<u>40(6)</u> :719-22 (1985)			

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	AS	Fleischer et al., J. Neu	ıroimmur	nol. <u>7</u> :151-62 (1984)					
	AT	Kronke et al., Blood	<u>65(6)</u> :141	6-1421 (1985)					

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	AS	Stenmark, et al., J. Co	ll Biol. <u>11</u>	<u>3(5)</u> :1025-1032 (1991)					
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	AR	Gaulton, et al., Clin.	Immunol	. Immunopathol. <u>3</u>	<u>6(1)</u> :18-29 (19)	35)				
	AS	Kirkman, et al., Fede	ration Pro	oc., Vol. 44(4), 168	1, Abstract No	. 7430, M	arch, 1985			
	A'	Strom, et al., Clinica	l Researc	h, Vol. 33(2), 561/	A, April, 1985					
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Sheet 12 of 31 Atty. Docket No. SERAGEN 3.0-002 CONT FWC CONT DIV CONT CONT Application No. VI 10/020,648 RM PTO-1449 U.S. Department of Commerce Patent and Trademark Office v. 7-80) FE 40, ST OF PRIOR ART CITED BY APPLICANT Applicant Strom W 0 1 200 Everal sheets if necessary) Group 1643 Filing Date: 12/12/01 U.S. PATENT DOCUMENTS FILING DATE CLASS SUBCLASS IF APPROPRIATE DOCUMENT NUMBER DATE NAME TIALS COPY OF PAPERS ORIGINALLY FILED MAY 0 2 2002 AC TECH CENTER 1600/2900 ΑD ΑE ΑF AG AΗ ΑI FOREIGN PATENT DOCUMENTS TRANSLATION CLASS SUBCLASS DATE COUNTRY DOCUMENT NUMBER NO ΑL AM AN ΑO ΑP OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Kupiec-Weglinski, et al., Federation Proceedings, 44(6):1881, Abstract No. 8589, March 1985 AR Bellamy, et al., Clin.. Exp. Immunol. 61(2):248-256, August 1985 AS

Howard, et al., Transplantation Proceedings, 13(1):473-474 (1981)

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SERAGEN 3.0-002 CONT FWC CONT DIV CONT VI 10/020,648 U.S. Department of Commerce Patent and Trademark Office RM PTO-1449 v. 7-80) Applicant Strom TOA PRIOR AT CITED BY APPLICANT Group 1643 Filing Date: sheets if necessary) 12/12/01 U.S. PATENT DOCUMENTS FILING DATE IF APPROPRIATE SUBCLASS CLASS NAME DOCUMENT NUMBER DATE COPY OF PAPERS ORIGINALLY FILED ΑB AC ΑD ΑE AG ΑH ΑJ ΑK FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER CLASS SUBCLASS DATE COUNTRY YES NO ΑL AM AN AO ΑP OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Uchiyama, et al., J. Immunol. <u>126(4)</u>:1393-1397 (1981) AR Cantrell, et al., J. Exp. Med. 158:1895-1911 (1983) AS Heidecke, et al., J. Immunol. 133(2):582-588 (1984) ΑT XAMINER DATE CONSIDERED

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	AS	Cantrell, et al., Science	224:1312	2-1316 (1984)							
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AI	Waldmann, Annu. Rev	. Biochem	. <u>58</u> :875-911 (1989)							
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,	AR	Anasetti et al., Blood 84	4(4):1320-	·1327 (1994)		***************************************			
	AS	Billing et al., HYBRID	OMA 1:30	03-311 (1982)					
	AT	Brown et al., Proc. Nat	l. Acad. S	ci. 68:2663-2667 (1991)					
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	AR	Chatterjee, et al., HYBI	RIDOMA	A 1:369-377 (1982)						
	AS	Depper et al., Official J Arthritis Foundation 26		f the American Rheumatism Ass (1983)	ociation Se	ction of t	he			
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	AR	Depper et al., J. Cell. B	ochem. 1	3th Annual UCLA Symposium,	Abstract N	o. 0732 (	1984)	•	
	AS	Depper et al., Lyphokin	es 9:127-	152 (1984)					
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	AS	Depper et al., J. Immu	nol. 132(	6):3054-3061 (1984)				
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	AS	Greene et al., Cancer R	esearch 4	5:4563s-4567s (1985)				
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	A	Hakimi, et al., J. Imi	munol. 1	7:1352-1359 (1991)					
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		Junghans, et al., Cance	r Researc	h 50:1495-1502 (1990)	•			
	AR							
	AS	Korsmeyer, et al., Tran	splantati	on 33(2):184-190 (1982)				
	AT	Korsmeyer, et al., Proc	c. Natl. A	cad. Sci. USA 80:4522-4526 (19	983)			
	1	1						

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RM PTO-14-	<b>49</b>	U.S. Department of Comp Patent and Trademark Of	merce fice	Atty. Docket No. SERAGEN 3.0-002 CONT FW CONT	C CONT D	IV CONT	App VI 10	lication No.	o. 548
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		Kronke, et al., Clinical	Research	32(2):Abstract No. 418A (1984)					
	AR							•	
	AS	Leonard et al., Recepto	ors and Re	cognition Series B, 17:45-66 (19	84)				
	1	ļ							
	AT	Leonard et al., Proc. N	atl. Acad.	Sci. USA 80:6957-6961 (1983)					

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RM PTO-144 v. 7-80)	9	U.S. Department of Comp Patent and Trademark Of	merce fice	Atty. Docket No. SERAGEN 3.0-002 CONT FOODT	WC CONT D	IN CONT	App VI ]	lication No. 10/020,6	
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	AR	Leonard et al., Fed. P	roc. 44(3)	:Abstract No. 2212, 69th Annu	al, Anaheim	ı, CA Apr	il 21-2	6, 1985	
-	AS	Leonard et al., Nature	311:626	-631 (1984)					
	AT	Leonard et al., Clinic	al Resear	ch 30(2) 1982					
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RM PTO-1449 v. 7-80)	U.S. Department of Comp Patent and Trademark Of	fice	Atty. Docket No. SERAGEN 3.0-002 CONT FW CONT Applicant	C CONT D	548		
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AF	Queen, et al., Proc. Na	ti. Acad. S	Sci. USA 86:10029-10033 (1989	)			
AS	Rolfman, et al., Eur. J.	Immunol	. 17:701-706 (1987)				
A	Schlick et al., Immuno	biology 1	70 (1/2):1-122 (1985)				
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RM PTO-1449 v. 7-80)		U.S. Department of Comm Patent and Trademark Off	nerce ice	Atty. Docket No. SERAGEN 3.0-002 CONT FW	/C CONT D	IV CONT V	**	cation No.	8
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		Smith, Ann. Rev. Imm	unol. 2:3	319-333 (1984)					<del></del>
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	AS		ntation P	roceedings 28(2):915-916 (1996	)				
	АТ	Tinubu et al., J. Immu	ınol. 433	0-4338 (1994)		· · · ·			
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	AI		mmunol.	126(4):1398-1403 (198	1)				
	A	Uchiyama, et al., Tra	insactions	of the Association of A	American Physician	s, 93rd Sessi	on, May 10-1	2 (1980)	
	A	Vincenti, et al., Trar	splantati	on 63(1):33-38 (1997)		-			
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	АТ	Waldmann, et al., Bi	rth Defect	s 19(3):31-36				
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RM PTO-1449 v. 7-80)		U.S. Department of Com Patent and Trademark O	merce ffice	Atty. Docket No. SERAGEN 3.0-002 CONT F CONT Applicant	WC CONT D	OIV CONT VI	plication No. 10/020,64		
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